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XBR-65X900B

64.5" (diag) X900B 4K Ultra HD TV

It's quite simply the most immersive, highest-resolution TV experience possible. Sony's premium 4K Ultra HD TV boasts four times the clarity of HD[1], more brilliant expanded color and up to two times the brightness range of standard LED HDTVs. Breathtaking detail is depicted with pinpoint accuracy for the most natural images. The TRILUMINOS display produces the widest color spectrum we've ever offered in a TV. Best of all, you'll enjoy Sony's exclusive X-tended Dynamic Range local dimming technology for up to 2x the brightness range with deeper blacks than before.

Bullets

- HD is upscaled to 4K Ultra HD[1], [2]
- Netflix, now streaming 4K Ultra HD[4]
- X-tended Dynamic Range for up to 2x brightness range[3]
- More brilliant expanded color with TRILUMINOS display
- Powerful Front-facing speakers and built-in subwoofers
- Future ready – supports next gen 4K players/services
- Social TV – follow tweets, Skype & watch TV all at once[4]
- Stream PS3® games directly to your TV[5]
- Experience precise motion clarity w/ Motionflow™ XR 960
- Quick 'One-flick' to home menu, online videos & services
- Your smartphone screen on TV w/ NFC screen mirroring[9]
- Wireless streaming - movies, music & apps[4]
- Enjoy 3D with 2 pairs of glasses included[7]
- TV SideView app to control your TV and channel guide[8]
- See more details in your DSLR photos (8MP+) with 4K resolution[1]

Features

Four times clearer than HD

The 4K Ultra HD screen contains over 8 million individual pixels1 that transform everything you watch into a life-like experience. Advanced picture processing also ensures that every single pixel displays images with superb brightness and authentic detail.

Upscale everything you watch to 4K Ultra HD

Suddenly, everything looks better. All of your existing HD sports, TV shows and movies are upscaled to super clear 4K quality[2]. Even YouTube® clips and smartphone videos are enhanced with stunning results[2]. The 4K X-Reality™ PRO picture engine analyzes and processes every image to refine color, clarity and detail for a beautifully natural picture.

Up to 2x brightness means contrast beyond comparison

Sony's exclusive X-tended Dynamic Range technology produces contrast beyond comparison. You'll get the peak brightness that LED TVs are known for as well as deeper blacks previously only associated with Plasma TVs. Keeping the light areas bright while keeping blacks truly black is called widening dynamic range. In the image shown, notice the difference in detail of the dark buildings combined with the brightness of the city lights. The difference certainly is dynamic.

More brilliant expanded color

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Spoil yourself with the widest color spectrum we've ever offered on a television. Unique to Sony, TRILUMINOS Display technology creates incredibly true, natural shades of colors—just the way you want them. Hard-to-reproduce reds, aqua blues and emerald greens are displayed beautifully, so landscapes and seascapes look more vivid. Faces look better, too, with natural skin tones. It's all thanks to a TRILUMINOS display that uses more colors to produce a more vibrant picture.

Wedge Sound worthy of the picture

It begins with the physical shape of the TV. The Wedge creates extra space at the bottom of the TV for larger speakers and built-in subwoofers. And larger speakers mean richer sound, deeper bass, and louder volume, so you'll hear every hit in a football game and feel the pounding music in a chase scene.

The most feature films in 4K

Add a Sony 4K Ultra HD Media Player (FMP-X10, sold separately) for exclusive access to the Video Unlimited 4K service, which hosts the largest selection of feature films and TV episodes in 4K Ultra HD for the home6. Choose to download new releases and classic films for rental or purchase[4,6]. Or choose from a vast library of included 4K videos.

The future of 4K Entertainment is here

Sony's 2014 4K Ultra HD TVs are optimized to support new codecs that are needed for a variety of current and forthcoming 4K video services including Netflix and Video Unlimited 4K4. There's also 500px for viewing breathtaking professional photos in 4K and PlayMemories Online to share your personal photos. Lastly, they also support the latest HDMI to connect external media players (sold separately), and 4K/60p playback for viewing 4K sports in the future.

Stream PS3® games directly to your TV[5]

Bring the immersive world of PlayStation® directly to your TV with PlayStation™ Now. For the first time discover and play PlayStation® 3 games – all streamed directly to your TV and played by connecting a DUALSHOCK® 3 controller to your TV. Choose from individual game rentals or subscribe to a variety channel of games and let epic adventures begin[5].

Find everything faster.

An even faster way to find what you want. With 'One-Flick' on the remote you can instantly pull up a short cut menu that lets you navigate to your favorite TV channels, networked photos, and online videos from YouTube™, Crackle™, and Video Unlimited4.

Watch together, even while apart.

With Social Viewing you can watch TV, follow tweets and Skype, all at the same time. You can enjoy sports, TV shows, or movies with your friends and family even if you are not together. Add your Skype® video chat to the TV screen and cheer together when your favorite team scores. To add tweets on screen, choose a hashtag, and see comments relating to your show flow across the screen[4].

Lifelike motion

Tired of the watching TV that can't keep up with real life movements? Sony's Refresh Rate Technology allows fast moving action sequences in movies and sports to be lifelike and smooth. Every movement—like seeing the football flip end to end on a kickoff—appears with true, fluid motion and minimal judder.

Your smartphone, now on TV

Movies, music and apps from your smartphone can now be viewed big on your TV. With three ways to connect Android phones and tablets to the TV, Sony is helping you add value to the entertainment you already own[9].

Control your TV with your smartphone or tablet

Watch TV the fast and fun way with TV SideView. Control the TV or browse the channel guide with your smartphone or tablet device (Android or iOS), all without interfering with what you're watching on the TV. Learn more about the show you're watching right now, like cast and episode details, or search other channels, internet videos and even Netflix. There's even an easy way to live-tweet during your favorite shows[8].

Specifications

3D Features	
3D	Active
3D Format Support	Yes (2K only)
3D Super-resolution	Yes
3D Sync Transmitter Integrated	Yes
Auto 3D Depth Adjustment	Yes
Simulated 3D	Yes (2K only)
Audio	
Audio Power Output	12.5W + 12.5W + 20W + 20W
Speaker Configuration	2.2ch, Two way speaker (Tweeter (18 mm) x 2, Woofer (Magnetic Fluid Speaker, 80 mm) x 2) Subwoofer (80 mm) x 2
Speaker Position	Side
Audio Features	
5.1 Channel Audio Out	Yes

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Advanced Auto Volume	Yes
Alternate Audio (Digital)	Yes
Audio Out	Fixed / Variable
Auto Mute (on no signal)	Yes
Clear Phase Speaker	Yes
Digital Out Format	Dolby Digital, PCM
Dolby®	Dolby Digital, Dolby Digital Plus, Dolby Pulse
Headphone/Speaker Link	Yes
Magnetic Fluid Speaker	Yes
Signal-to-Sound Architecture	Yes
S-Master	Yes
Sony Original Surround	S-Force PRO Front Surround
Sound Booster	Yes
Sound Mode	Standard Music Cinema Game Sports Compressed Audio
Stereo System	MTS (AUTO SAP)

Convenience Features

Auto Photo Mode	Yes
Auto Shut-off	Yes
BRAVIA® Sync™	Yes
Channel Block (with password)	Analog & Digital
Channel Jump	Yes
Channel Surf	Yes
Edit Channel Labels	Yes
Info Banner	Yes
Input Skip	Auto
Label Inputs	Yes
Multiple Language Display	English Spanish French
On/Off Timer	Yes
On-Screen Clock	Yes
On-Screen Display for External Input	Yes
Panorama	Yes (2K only)
Parental Control	Yes
Picture Adjustments Lock	Yes
Picture Frame Mode	Yes
Scene Select	Photo Music Cinema Game Graphics Sports Animation
Show/Hide Channels	Yes
Skin Naturalizer	Yes (2K only)
Sleep Timer	Yes
Twin Picture	PAP (Variable)
USB Play	Yes (USB viewer supports FAT16, FAT32, exFAT and NTFS file systems.)
USB Play (Contents)	MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI(XVID) / AVI(MotionJpeg) / MOV / WMV / MKV / WEBM / 3GPP / MP3 / WMA / WAV / JPEG / MPO / RAW(ARW)
USB Super Multi-Format Play	Yes

Customizing Capability

RS-232C Control	Yes for SonySTD
Illumination LED	Yes

Design Features

Stand Design	Chrome Mirror

Display Features

Backlight Type	LED
Dimming Type	Local Dimming
Display Device	LCD
OptiContrast Panel	Yes
Triluminos Display	Yes

Display

Aspect Ratio	16:9
Display Resolution	QFHD
Dynamic Contrast Ratio	Over 1 million
Screen Size (cm)	163.9 cm
Screen Size (measured diagonally)	65" (64.5")
Viewing Angle (Right/ Left)	89/89 degree
Viewing Angle (Up/ Down)	89/89 degree

Energy Saving & Efficiency

Backlight Off Mode	Yes
Dynamic Backlight Control	Yes
Power Saving Modes	Yes

General Features

Audio Return Channel	Yes
Closed Captions (CC)	Analog Digital
Demo Mode	Yes
Finish (Surface Color)	Black
HDMI™ InstaPort	Yes
Hotel Mode Menu	Yes
Start Up Sony Logo Display	Yes

Inputs and Outputs

AC Power Input	1 (Rear)
Analog Audio Input(s) (Total)	2 (Rear)
Audio Out	1 (Side / Hybrid w/ HP)
Component Video (Y/ Pb/Pr) Input(s)	1 (Rear / Hybrid)
Composite Video Input(s)	2 (1 Rear / 1 Rear Hybrid w/ Component)
Digital Audio Output(s)	1 (Rear)
Ethernet Connection(s)	1 (Rear)
HDMI PC Input Format	640x480@60Hz 800x600@60Hz 1280x768@60Hz 1280x768Hz 1360x768Hz 1024x768@60Hz 1280x1024@60Hz 1920x1080@60Hz
HDMI™ Connection(s) (Total)	4 (Side)
HDMI™ PC Input	Yes
Headphone Output(s)	1 (Side / Hybrid w/ Audio Out)
MHL	Yes
RF Connection Input(s)	1 (Side)
RS-232C Input(s)	1 (Side / Stereo Mini Jack)
Subwoofer Out	1 (Side / Hybrid w/ HP and Audio Out)
USB 2.0	3 (Side)

Network Features

DLNA Content	MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI(XVID) / AVI(MotionJpeg) / MOV / WMV / MKV / WEBM / 3GPP / MP3 / WMA / LPCM / JPEG / MPO
Guide and Search	Yes
Internet Browser	Yes (Opera)
Net AD	Yes (depends on ad provider)
One-Flick entertainment	Yes
One-touch mirroring	Yes
Opera Apps (System)	Yes
Photo Share	Yes

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Related Search	Yes
Screen mirroring	Yes
Seamless Streaming	Yes
Search	Yes
Skype™	Integrated
Social Viewing	Yes (Skype & Tweet)
Sony Entertainment Network	Yes
TV SideView™	Yes
TV Tweet	Yes
Wi-Fi Certified	Yes
Wi-Fi Direct	Yes
Wi-Fi Frequency	2.4Ghz / 5Ghz (for Wi-Fi Direct / Screen mirroring: 2.4Ghz Only)
Wi-Fi Standard	a/b/g/n
Wireless LAN	Integrated
X2 Widget (System)	Yes

Power

Power Consumption (in Operation) max.	314W
Power Consumption (in Standby)	120V : 0.2W / 240V : 0.3W
Power Requirements (frequency)	60Hz for UL cUL 50/60Hz for other
Power Requirements (voltage)	AC 120V for UL cUL AC 110-240V for other

Regulation and Standards Compliance

VESA® Hole Spacing Compatible	Yes

Sensing Features

LightSensor™ Technology	Yes

Service and Warranty Information

Limited Warranty Term	12 months

TV System

Channel Coverage (Analog)	VHF: 2-13 / UHF: 14-69 / CATV: 1-135
Channel Coverage (Digital Cable)	CATV: 1-135
Channel Coverage (Digital Terrestrial)	VHF: 2-13 / UHF: 14-69
Color System	NTSC
Number of Tuners (Terrestrial/Cable)	1 (Digital / Analog)
TV System (Analog)	M
TV System (Digital Cable)	Clear QAM
TV System (Digital Terrestrial)	ATSC

Video

Video Signal	3840x2160/24p 3840x2160/25p 3840x2160/30p 4096x2160/24p 3840x2160/60p (YCbCr4:2:0 8bit) 1080/24p (HDMI only) 1080/60i 1080/60p (HDMI / Component) 480/60i 480/60p 720/60p 1080/30p (HDMI only) 720/30p (HDMI only) 720/24p (HDMI only)

Video Features

24p True Cinema™ Technology	Yes
3D Comb Filter	Yes
4:3 Default	Yes
Advanced Contrast Enhancer (ACE)	Yes
Auto Wide	Yes
Blinking Type	Frame Blinking
CineMotion® Reverse 3:2 Pulldown Technology	Yes
Clear Mode	Yes
Deep Color	Yes
Face Area Detection	Yes (2K only)
Impulse Mode	Yes
Intelligent MPEG Noise Reduction	Yes (2K only)
Intelligent Picture Optimizer	Yes
Live Color™ Technology	Yes
Motionflow™ Technology	Motionflow XR 960
MPEG Noise Reduction	Yes
PhotoTV HD	Yes
Picture Mode	Vivid Standard Custom Photo-Vivid Photo-Standard Photo-Original Photo-Custom Cinema1 Cinema2 Game-Standard Game-Original Graphics Sports Animation
Portable Game Mode	Fine Full Fine Normal Portable Game1 Portable Game2
Scene Optimized Energy Saving	Yes
SimulView™	Yes
Super-resolution for Game Mode	Yes
Video Processing	4K X-Reality PRO
Wide Mode	Full Normal Wide Zoom Zoom Caption Normal / Full1 / Full2 for PC

Weights and Measurements

Dimensions (Approx.)	TV only: 67 5/8 x 34 5/8 x 4 (1 1/8) in (1715 x 878 x 99.3 mm) TV with stand: 67 5/8 x 36 1/8 x 12 5/8 in (1716 x 916 x 320 mm)
Packaging (Approx.)	Carton dimensions: 67 x 38 1/2 x 8 3/4 in (1813 x 976 x 222 mm) Carton weight: 125.6 lbs (57.0 kg)
Weight (Approx.)	TV only: 101.2 lbs (45.9 kg) TV with stand: 102.7 lbs (46.6 kg)

Accessories

Supplied Accessories	Touchpad Remote Control (RMF-YD003) Remote Control (RM-YD102) 3D Glasses x 2 (TDG-BT400A) Table Top Stand (separate, assembly required) Port Replicator Batteries x 2 (R03) AC Power Cord (Pigtail) IR Blaster Screws Operating Instructions Warranty Card

Optional Accessories

Optional Accessories	Wireless Subwoofer (SWF-BR100) 3D Glasses (TDG-BT500A) MHL Cable (DLC-MC20)

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1. 3,840 x 2,160 pixels.

2. Simulated 4K image will vary based on source content.

3. Compared to standard LED HDTVs

4. Broadband speed of at least 2.5 Mbps recommended for SD services, 10 Mbps for HD streaming or 4K downloads, 20 Mbps for 4K Ultra HD streaming. Content subject to change and may require fees. Wireless connectivity requires 802.11 home network (802.11n recommended). Skype service subject to Skype's terms and conditions.

5. Anticipated service availability Fall 2014. Broadband internet connection required. Additional purchase and registration required; service not available in all areas. See us.playstation.com/PlayStationNow for details.

6. The Sony 4K Ultra HD Media Player with Video Unlimited 4K service is exclusively compatible with Sony 4K Ultra HD TVs. Fees may apply for Video Unlimited 4K service. Largest collection for home distribution as of 2/15/14. Download times will vary and may require several hours for completion.

7. Requires 3D content, 3D player and HDMI® cable (at least 10.2 Gbps) sold sep.

8. Requires devices connected to the same wireless home network.

9. Requires compatible Near Field Communication (NFC)-enabled Xperia™ smartphone. Certain formats are not supported. The video quality may be degraded due to environmental interference.

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